

Mill Brook Watershed Management Committee

Minutes for August 30, 2021 Meeting at 5 pm

Approved: Monday, September 14, 2021

People present: Kristen Geagan, Donna Paulnock, David Bouck, Angela Luckey, Tim Boland, Prudy Burt

People absent: Bill Wilcox, Cynthia Mitchell

Approved August 9, 2021 minutes

Reviewed invoice for 8/13/21 from Horsley Witten

- Emails with Neal about water flow data
- Approved to pay invoice
- Prudy will send to CPC for payment

Neal discussion and data collection update:

- Phone call with Neal about how to factor data together.
- Water flow was last sampled Thursday evening 8/26/21
 - o More data tightens up the line – the relationship between the flow (volume) and the gauge reading.
 - o Correlation above .75 is good.
 - o Puzzle is the curve for below Mill Pond – correlation is not that great at about .5 now
 - Not sure what is going on there, we will need more data points to firm that one up.
- Neal said we should shoot for 15 – 20 water flow measurements per site
- Priester's, Scotchman's and Mill Pond seem to be the sites that will have the most informative data for flow.
 - o Wood's property brook is only about 3-4 inches deep and 15 feet wide.
- Data accuracy does seem to be coming around
- Prudy and Angela had chatted about inviting Margaret Curtin and Greg Palermo to come identify plants along the Mill Brook.
 - o Prudy reached out to Mike Whitmore about whether we can just add Margaret and Greg to our permission
 - o Kristen mentioned that we would need to get permission from private landowners, and Sheriff's meadow and Land Bank for this.
 - o Prudy will follow up to get the rest of the permissions to do that and we will schedule a time to go

Water willow stem borer surveys

- We are at a point that we could start surveying
- Not sure what is the best method to survey
 - o Kayak?

- Some systematic process of laying out a grid?
 - Will need to survey everything since they are found in clumps
 - Big stems – have to be a certain diameter for them to pupate
 - Have GPS with us to track to show survey area
- Get a rough list for collection information
 - Frass would be gone at this point
- Kristen will organize this field trip
 - One shot deal if we survey it all should be enough
 - Will do at least twice
- Should be able to offload canoes directly on the old police station lawn
 - Prudy will reach out to Jennifer Rand about it
- Would be good to walk perimeter as well

Bill will submit his invoices for prepaying for things and we will approve at next meeting.

Angela shared information on the Buzzard's Bay Coalition info session on September 23rd

- She will share any other information that comes up

Next water sampling date is Sunday, September 12

Next meeting will be Monday, September 13